Form PTO-1449						Attorney Docket No. Serial No. 050115-1110 10/085,324				
YNT	EΩĐ	MATION DICCI	actime C	IT ATION	ł	Applicant		1 10/00	33,324	
TPE	KOK	MATION DISCLO	JSUKE C.	HAHON	l	Dobbins, et a	l.			
0,	E)				ļ	<u> </u>				
JUL 0 5 7	DEN [2]	(Use several sheets i	if necessary)			Filing Date 02/28/02		Group	3	
• •			U.S. PA	ATENT DOCUM	MENT			,		
EXAM	Item	Document	Date		Nam	<u></u> е	Class	Subclass	Filing Date	
Initials .		Number							If Appro	
	Α									
•	В									
•	С						DEC		<u> </u>	
· *	D						DEC	CIV	ر	
	Е					·	JUL	0 9 2004		
	F						ah a ala	Cantos		
	G					16	cuuoioi	y Center 2	500	
-	Н							<u>.</u>	ļ	
	I							· ·	<u> </u>	
	J	·						ļ	<u> -</u>	
	K		<u> </u>				<u></u>		<u></u>	
		· · · · · · · · · · · · · · · · · · ·	FOREIGN	PATENT DOC	CUMI	ENTS	ı 		·	
		Document	Date		Count	ry	Class	Subclass ·	Transla	ation
		Number								
0.54			00/06/00				770.47	20/05/00/10	Yes	T No
RM	L	WO 00/33536	08/06/00	Great Britain			H04L	29/06 29/12		┼
RM	M	WO 01/37510 A2	25/05/01	US		· · ·	H04L	29/00	X	
	N		-				<u> </u>		 	
	0								 	┼
	P	·	1			 .			-	┼
	Q	- · · · · · · · · · · · · · · · · · · ·	 					 	 	₩
	R	OWNED DOOL!	(F) (F) (I	1: 44 7:		Dord Day			<u> </u>	
	T	OTHER DOCUM		iding Author, 11	tie, D	ale, Perlinent I	ages, et	c.)		
5m	S	European Examination Re	port							
+ EVANO	IED: 1-	litial if citation considered, who	other or not site	ion is in conforma-	٠٠٠٠٠٠	MDED 8 600 D	عند انمه ا	rough citation :	fnot in	
		itial it citation considered, who tended to the considered. Include copy of the considered is a second to the copy of the considered in the copy of the considered is a second to the considered in the considered					aw line (n)	lough citation i		
	R'S SI	GNATURE:				CONSIDERED:	_			
9	flon	Lat. Mufly		<u> </u>	<u></u>	4-23.				
	•			Patent an	d Trac	lemark Office; U	.S. DEP	artment o	F COMM	ERCI

Page 1 of 7 Form PTO-1449 Attorney Docket No. Serial No. 050115-1110 10/085,324 INFORMATION DISCESSIFE Applicant Dobbins, et al. (Use several sheets if necessary) Filing Date Group February 28, 2002 To Be Assigned **U.S. PATENT DOCUMENTS** Examiner Item Document Date Name Class Subclass Filing Date **Initials** Number If Appropriate Schulzrinne et al., "RTP: A Transport Protocol for Real-Time Applications," Network Working Group, January Α RM 1996, pp. 1-66. Swale et al., "Requirements for the MIDCOM Architecture and Control Language," MIDCOM Working Group, Internet Draft, February 2001, pp. 1-24. Srisuresh et al., "Middlebox Communication Architecture and Framework," Network Working Group, Internet 2002 Draft, February 2001, pp. 1-37. APR 22 Technology Center 3609 al., "SIP Through NAT Enabled Firewall Call Flows," Midcom Working Group, Internet Draft, February 2001, pp. 1-63. Rosenberg et al., "Getting SIP through Firewalls and NATs," Internet Engineering Task Force, Internet Draft, February 22, 2000, pp. 1-57. F Eliot Lear, "A Middle Box Achitectural Framework," Network Working Group, Internet Draft, January 31. RM 2001, pp. 1-12. G Rosenberg et al., "SIP Traversal through Residential and Enterprise NATs and Firewalls," Internet Engineering DW Task Force, Internet Draft, March 2, 2001, pp. 1-41. Н Carpenter et al., "Middleboxes: Taxonomy and Issues," The Internet Society, Internet Engineering Task Force, RM Internet Draft, April 2001, pp. 1-24. l B. Biggs, "A SIP Application Level Gateway for Network Address Translation," Internet Draft, March 2000, PM pp. 1-16, j Kuthan et al., "Middlebox Communication: Framework and Requirements," Internet Engineering Task Force, Internet Draft, November 2000, pp. 1-23. K P. Srisuresh, "Framework for Interfacing with Network Address Translator," NAT Working Group, Internet Draft, April 2000, pp. 1-58.

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in

onformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE

Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

DATE CONSIDERED:



INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Attorney Docket No. 050115-1110

Serial No. 10/085,324

Applicant Dobbins, et al.

Filing Date

Group

February 28, 2002

To Be Assigned

					rebruary 28,	2002	101	se Assigned	
			U.S. PAT	TENT DOCUMEN	TS	-			
Examiner Initials	Item	Document Number	Date	Nan	ne	Class	Subclass	Filing Date	
pm	, L	Mart et al., "Firewa	ıll Control Requi	rements," MidCom E	30f, Internet Draf	t, Novemb	oer 2000, pp.	1-16.	
pm	М	Melinda Shore, "H.	323 and Firewall	ls: Problem Statemen	t and Solution Fr	amework	EDEME	February :	
, р.,		2000, pp. 1-19.					PR 2 2 7	002	
pm	N	Thernelius et al., "S	Thernelius et al., "SIP Firewall Solution," SIP Working Group, Internet Draft, July 2000, pp. 1-32. Technology Center 2600						
0 n4	0	N. Freed, "Behavio	r of and Require	nents for Internet Fir	ewalls," Network	Working	Group, Inte	rnet Draft,	
fm		October 2000, pp. 1	-14.						
RM	P	D. Newman, "Benc	hmarking Termi	nology for Firewall F	erformance," Net	work Wo	rking Group	The Internet	
PM		Society, August 199	99, pp. 1-51.						
pm.	Q	F. Finlayson, "IP M	F. Finlayson, "IP Multicast and Firewalls," Network Working Group, The Internet Society, May 1999, pp. 1-2						
PM =	R	S. Bellovin, "Firewa	all-Friendly FTP	" Network Working	Group, February	1994, pp.	1-7.		
Λ.Λ.	S	Montenegro et al., "Sun's SKIP Firewall Traversal for Mobile IP," Network Working Group, The Internet							
RM "		Society, June 1998, pp. 1-45.							
.Ω. ΔΛ.	Т	Gaynor et al., "Fire	wall Enhanceme	nt Protocol (FEP)," 1	Network Working	Group, T	he Internet S	Society, April	
KW		2001, pp. 1-22.							
RM	U	Dr. Andrew Molito	r, "A Firewall So	olution for Voice Ove	r IP," Aravox Re	port, Arav	ox Technolo	ogies, pp. 1-2.	
RM	V	"Aravox Firewall B	enefits," Aravox	Technologies, pp. 1-	9.				
* CVANDATO	. 1-141-1-16	Coitation considered wh			AL LADED 8 COD D			:C 4 !	

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S/SIGNATURE

DATE CONSIDERED:

6-23-06
Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE



INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Attorney Docket No. 050115-1110

Serial No. 10/085,324

Applicant Dobbins, et al.

Filing Date

Group

February 28, 2002 To I

To Be Assigned

			U.S. PA7	TENT DOCUMENTS						
Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate			
em	W	Dr. Andrew Molitor	, "Can Voice Ov	er IP Work Without Dynamic NA	T?," Aravox	Report, Arav	ox			
<i></i>		Technologies, pp. 1-	-2.							
PM	х	Dr. Andrew Molitor	, "Deploying a D	Dynamic Voice over IP Firewall wi	ith IP Telepho	ony Applicati	ons," Aravox			
HIL		Report, Aravox Tech								
RM	Y	Dr. Andrew Molitor	, "Firewall Cont	rol for IP Telephony," Aravox Rep	oort, Aravox	rechnologies.	CENED			
O*\						HE	2 2 2 2002			
D 144	Z	Molitor et al., "High	Performance H	.323 Firewalling for VoIP Solution	ns," Aravox F	leport, Ara	Inology Center			
PM		Technologies, pp. 1				Tech	IUOIOBA CEITO			
lM	AA	"What is Unique abo	out IP Telephony	?," Aravox Technologies, Spring	2001 IT Exp	o, pp. 1-16.				
F · · \										
FM	AB	Dr. Andrew Molitor, "Securing VoIP Networks with Specific Techniques, Comprehensive Policies and VoIP-								
		Capable Firewalls," Aravox Report, Aravox Technologies, pp. 1-3.								
D WI	AC	Utz Roedig, "Security Analysis of IP-Telephony Scenarios," Presentation by Darmstadt University of								
em_		Technology, pp. 1-28.								
RM	AD	Fredrik Thernelius,	"SIP, NAT, and	Firewalls," Master Thesis, Ericsso	on, May 2000	, pp. 1-69.				
P. \			·							
RM	AE	Steven M. Bellovin,	"Distributed Fir	ewalls" ;login: Magazine, Nov. 19	99, pp. 37-39	(1-10).				
····										
RM	AF	"Firewall ActiveX C	Control for Micro	soft Windows," Distinct Corporati	ion, 1998, pp.	1-45.				
		E .					i i			

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE:

DATE CONSIDERED:

6-23-06

Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Attorney Docket No.	Serial No.
050115-1110	10/085,324
Applicant	
Dobbins, et al.	
,	

Filing Date Group To Be Assigned February 28, 2002

			U.S. PAT	TENT DOCUMENTS				
Examiner Initials	ltem	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
0.1	AН	Alan Crosswell, "A	dvanced Network	king Information," Columbia Univers	sity Acader	emic Information Systems,		
RM		March 21, 2000, pp	o. 1 -22 .					
VMA	ΑĮ	"Cisco Secure PIX	Firewall Softwan	e v5.2," Cisco Data Sheet, pp. 1-7.				
RM	!							
0 ML	AJ	"Cisco Secure PIX	500 Firewalls," (Cisco Products & Technologies, 2000	, pp. 1-3.	ECEIV	ED	
pm					177	APR 2 2	2002	
RM	AK	"Cisco Secure PIX	Firewall," Intern	et Product Watch, April 12, 2001, pp	. 1-2.	APK 5 6	-tar 2600	
O11					Tec	hnology Ce	IIIGI Zoo	
2M	AL	"Media Firewall,"	www.marconi.com	m, 2000, pp. 1-4.				
1011						•		
em	AM	"Media Firewall," www.marconi.com, 2001, pp. 1-3.						
[A1]								
0 44	AN	"ATM Switch Network Modules: LAN, WAN, and Service Interfaces for TNX-210, TNX-1100, ASX-200B)						
em _				vitches," www.marconi.com, 2000, p				
0 004	AO	"Marconi's Next Generation IP and Multi-Service Switch Router Enables End-to-End Differentiated Ser						
RM		www.marconi.com, November 6, 2000, pp. 1-3.						
a an	AP	"Transforming Con	mmunications an	d Information with Enterprise-Focus	ed Etherne	t Solutions,"	www.marconi.	
PM		com., pp. 1-6.						
O.M.A.	AQ	"Marconi Expands Networking Product Portfolio with Solutions for Emerging Enterprise Needs," www.n						
RM		.com, July 24, 2000, pp. 1-2.						
em	AR	"Marconi to Show	case 'Smart and F	ast' Switch/Router at CeBIT, " www	.marconi.c	om, January	22, 2001, pp. 1-	
DY		2.						

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE:

DATE CONSIDERED:

Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE



INFORMATION DISCLOSURE

(Use several sheets if necessary)

Attorney Docket No. 050115-1110

Serial No. 10/085,324

Applicant Dobbins, et al.

Filing Date

Group

February 28, 2002

To Be Assigned

				replu	al y 20, 2002		e Assigned			
			U.S. PA	TENT DOCUMENTS						
Examiner Initials	Item	Document Number	Date	· Name	Class	Subclass	Filing Date If Appropria			
۸۰۸	AS	"Marconi Demonstr	rates Converged	Distance-Learning Solutions	at Educause 2000,	" www.marc	oni.com,			
PM		October 10, 2000, p	p. 1-2.							
RM	AT	"Firewall Security,"	www.marconi.c	com, October 30, 2000, pp. 1-2	2.	REC	EIVED			
fw.	AU	"SA-400, IP/ATM I	SA-400, IP/ATM Firewalling for ATM Networks," www.marconi.com, 2000, pp. 1-4. APR 2 2 2002							
go v						Technology	Center 260			
Ron	AV	"Media Firewall," v	vww.marconi.co	m, 2001, pp. 1-3.						
2.4	AW	"NSX-9500, Routing, LANE, and Firewalling Services for ATM Backbone Networks," www.marconi.com,								
bty		2000, pp. 1-4								
0.4	AX	"The New Public Network: Scalable, Flexible, PSTN Features, IN Features, Signalling Gateway," www.								
fm		marconi.com, 1999, pp. 1-4.								
PV1	AY	"Sphericall Voice I	"Sphericall Voice Internetworking Multiplexer (VIM) Product Overview," www.marconi.com, 2001, p. 1.							
Onli	AZ	"ServiceOn Accountant 2.0: Per-call Usage Based Billing for Differentiated Services," www.marc								
fall		December 12, 2000, pp. 1-2								
0.04	ВА	"Marconi Extends Optical Networking; Introduces Advanced Multiservice Platform," www.marconi.com, J								
em		6, 2000, pp. 1-2.								
PN	BB	"ATM Switched No	twork Modules	Product Overview," www.mar	coni.com, 2001, p	р. 1-4.				
ln	ВС	"Security is the Key	," Marconi Inte	rface, May 2000, p. 30.		•				
1- '	<u> </u>	<u> </u>								

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

DATE CONSIDERED:

6-33-66
Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

APR 1 9 2002 55

Form PTO-1449

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Attorney Docket No. Serial No. 050115-1110 10/085,324

Applicant

Dobbins, et al.

Filing Date
February 28, 2002

Group

To Be Assigned

		- 	U.S. PAT	TENT DOCUMENTS				
Examiner Initials	ltem	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
lin.	BD	"Firewall Switching	Agent," www.n	narconi.com, 2001, pp. 1-4.				
por	BE	"ESX-2400 and ES	X-4800 Firewall	Accelaration Switches," www.marco	ni.com, 20	01, pp. 1-8.		
RM	BF			Overview," www.marconi.com, 2001				
PM	BG	"FSA Product Over	view," www.mar	coni.com, 2001, pp. 1-2.	PE!	CENED	7	
PM	ВН	Parthenios, "Hacker	rs Beware," Telep	phony, June 18, 2001, pp. 1-2.	74	SK S S S	el 5600	
PM	· BI	"Aravox Expands II	P Platform to Inc	lude VoIP," CommWeb.com, May 30), 200 1,80	i.		
2M	BJ	"Aravox Expands II 29, pp. 1-2.	P Network Service	ces Platform to Carriers and xSP's De	ploying V	oIP," biz.yah	oo.com., May	
RM	ВК	Aravox Expanus II	Aravox Expands IP Network Services Platform to Carriers and xSP's Deploying VoIP," biz.yahoo.com., May 29, 2001, pp. 1-2. Aravox Expands IP Network Services Platform to Carriers and Service Providers Deploying VoIP," McCnet.com, May 29, 2001, pp. 1-2.					
PM	ВМ	"Solutions,": www.a	ravox.com/soluti	ions, 2001, p. 1				
PM	BN	"The Aravox Netwo	ork Services Platt	form Solution for Backbone Carriers,	" www.ara	vox.com/bac	kbone, 2001,	
RM	ВО	"The Aravox Netwo	ork Services Plat	form Solution for Access Providers,"	www.arav	ox.com/acces	es, 2001, p. l.	
	1 1.0	1		: :				

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE:

DATE CONSIDERED:

6-23-06
Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE



INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Attorney Docket No.	Serial No.
050115-1110	10/085,324
Applicant	
Dobbins, et al.	
Filing Date	Group

			سنت د د دسس		February 28	, 2002	To E	e Assigned	
			U.S. PATE	ENT DOCUMENT	L2 .				
Examiner Initials	Item	Document Number	Date	Nam	e .	Class	Subclass	Filing Date If Appropria	
JM	BP	"The Aravox Netwo	ork Services Platfor	orm Solution for Enterprises," www.aravox.com/e		v/enterprise,	2001, p. 1.		
RM	BQ	"SIP ALG for Firew	P ALG for Firewall Traversal (Application Level Gateway)," www.microappliances.com, 2000, p. 1.						
PM	BR	"SIP Firewall/Outbo	ound Proxy Server	(ALG)," www.mici	roappliances.com	n, 2000, p.	I. RECE	5 5005	
RM	BS	"Microappliances S	IP Phone (ActiveX	()," www.microappl	liances.com, 200	0, p. 1.	APR ?	2 2002 Center 260	
€M	ВТ	"Convergence Data	and Telephony Pla	atform," www.micr	oappliances.com	, 2000, p.	1. Technolog	33 0	
	BU								
	BV								
	BW								
	BX								
	BY								
	BZ								

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE:

DATE CONSIDERED:

6 3 66